

CLAIMS

1. An electronic display device comprising:

a housing;

a display area provided within the housing to display content for a user;

memory within the housing to hold data that is to be rendered into user-viewable content;

an electrophotographic assembly within the housing configured to electrophotographically render user-viewable content from the data that is held in the memory;

a loop of material disposed proximate the electrophotographic assembly and configured to receive electrophotographically rendered content and present the content for user viewing within the display area; and

a control area on the housing comprising one or more user-engagable structures to permit a user to interact with the device, the control area being positioned on the housing to accommodate one-handed use of the device.

2. The electronic display device of claim 1, wherein the housing comprises a front and back face and at least one sidewall extending therebetween, the control area being disposed on the sidewall.

3. The electronic display device of claim 1, wherein the loop of material comprises a dielectric material.

4. The electronic display device of claim 1 further comprising a power source internally of the housing.

5. The electronic display device of claim 4, wherein the power source comprises one or more batteries.

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83* 6. The electronic display device of claim 1, wherein the device is portable.

7. An electronic display device comprising:
a housing;
a display area provided within the housing to display content for a user;
memory within the housing to hold data that is to be rendered into user-viewable content;
an electrophotographic assembly within the housing configured to electrophotographically render user-viewable content from the data that is held in the memory, the content being renderable by the assembly at at least 300 dpi;
a loop of material disposed proximate the electrophotographic assembly and configured to receive electrophotographically rendered content and present the content for user viewing within the display area; and
a control area on the housing comprising one or more user-engagable structures to permit a user to interact with the device, the control area being positioned on the housing to accommodate one-handed use of the device.

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8. The electronic display device of claim 7, wherein the housing comprises a front and back face and at least one sidewall extending therebetween, the control area being disposed on the sidewall.

9. The electronic display device of claim 8, wherein at least one of the user-engagable structures comprises a rocker-type switch.

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10. The electronic display device of claim 7, wherein the assembly is configured to render the content at 600 dpi.

11. The electronic display device of claim 7, wherein the assembly is configured to render the content at 600 dpi, and the device weights no more than two pounds.

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12. An electronic display device comprising:

a housing;

a display area provided within the housing to display content for a user;

memory within the housing to hold data that is to be rendered into user-viewable content;

a print media within the housing and configured to display, with toner, user-viewable content for a user;

a toner shuttling system within the housing configured to shuttle toner between different locations within the housing from which the toner can be used and reused; and

~~a control area on the housing comprising one or more user-engagable structures to permit a user to interact with the device, the control area being positioned on the housing to accommodate one-handed use of the device.~~

Sub 2
13. The electronic display device of claim 12, wherein the housing comprises a front and back face and at least one sidewall extending therebetween, the control area being disposed on the sidewall.

14. The electronic display device of claim 12, wherein the housing comprises a front and back face and at least one sidewall extending therebetween, the control area being disposed on the sidewall, at least one of the user-engagable structures comprising a rocker-type switch.

15. The electronic display device of claim 12 further comprising an exposure station within the housing positioned to expose the loop of material so that toner can be applied and retained thereon.

16. A method of displaying images comprising:

providing a hand-held, portable display device having a control area containing user-engagable structures that permit a user to interact with the device, the structures being positioned to accommodate one-handed operation of the device, the device comprising an electrophotographic assembly configured to electrophotographically render user-viewable content, and a loop of material proximate the electrophotographic assembly to receive electrophotographically rendered content and present the content to a user for viewing;

advancing the loop of material through the electrophotographic assembly;

electrophotographically forming an image on the loop of material; and displaying the image for a user to view.

17. The method of claim 16, wherein said forming of the image comprises applying non-fused toner to the loop of material.

18. The method of claim 17 further comprising reclaiming toner that has been used to form an image and reusing the reclaimed toner to form additional images.

19. The method of claim 16, wherein the loop of material is configured to provide a black/white contrast when used in connection with black toner.

20. The method of claim 16, wherein said forming of the image comprises retaining toner on the loop of material using only electrostatic forces.

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